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ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/BNG/17/2021-22

Date: 06.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division,RR Nagara Zone,BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of the work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.08.2021	06.09.2021	8.036	593.6	26.38
2	09.08.2021	06.09.2021	8.049	601.5	26.73
3	09.08.2021	06.09.2021	8.058	622.4	27.66

Note:

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AE/JE (P) R.R.N

AEE(P)-2 RRN

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/BNG/17/2021-22

Date: 20.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division,RR Nagara Zone,BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of the work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.08.2021	20.09.2021	8.157	602.3	26.77
2	23.08.2021	20.09.2021	8.179	594.1	26.40
3	23.08.2021	20.09.2021	8.114	618.7	27.50

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/BNG/17/2021-22

Date: 11.09.2021

TEST REPORT OF PHYSICAL REQUIREMENTS OF BRICKS

Client	: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	: **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.
Name of Work	: Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore
Reference to BIS co	IS 1077 : 1992(RA 2011) Common Burnt Clay Building Bricks-Specification IS 3495 (Part 1 to 3) : 1992(RA 2011) Method of Tests Burnt Clay Building Bricks Part 1:Determination of Compressive Strength, (Cl 4.2.3) Part 2:Determination of Water Absorption,(Cl 4.1.3) Part 3: Determination of Efflorescence, (Cl 4)
Date of test:	06.09.2021 to 11.09.2021

COMPRESSIVE STRENGTH

Sl.No.	Compressive strength of individual bricks (N/mm2)	Acceptability as per IS 1077:1992, Clause 7.1
1	5.6	The bricks shall have a minimum average compressive strength for various classes as given in Table 1 of IS 1077: 1992. The compressive strength of any individual bricks shall not fall below the minimum compressive strength specified for the corresponding class of brick by more than 15%.
2	5.1	
3	5.4	
4	5.3	
5	5.2	
Average of 5 bricks	5.3	

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

WATER ABSORPTION:

Sl.No.	Water Absorption(%)	Acceptability as per IS 1077:1992, Clause 7.2
1	10.4	The water Absorption of bricks shall not be more than 20% by weight upto class 12.5 and 15% by weight for higher classes.
2	10.6	
3	10.3	
4	10.2	
5	10.5	
Average of 5 bricks	**10.4**	

EFFLORESCENCE:

Sl.No.	Efflorescence	Acceptability as per IS 1077:1992, Clause 7.3
1	Moderate	The efflorescence shall not be more than 'moderate" upto class 12.5 and "slight" for higher classes.
2	Moderate	
3	Moderate	
4	Moderate	
5	Moderate	

DIMENSIONS AND TOLERANCES

Sl.No.	Dimensions obtained for 20 bricks(mm)		Acceptability as per IS 1077:1992, Clause 6.2(b)
1	Length	4590	4520 to 4680 mm
2	Width	2195	2160 to 2240 mm
3	Height	1410	1360 to 1440 mm

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/BNG/17/2021-22

Date : 23.06.2021

TEST REPORT ON SOLID CONCRETE BLOCKS

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of the Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Date of Testing : 23.06.2021

Size of Blocks : 400mm x 100mm x 200mm

Cross Sectional Area : 40000 mm^2

Technical Reference : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 04

Sl.No.	Block ID	Wt. in Kg	Failure load (KN)	Compressive strength (N/mm^2)	Block Density in Kg/M^3	Requirement as per IS 2185 (Part 1) - 2005
1	Block 1	15.6	166.3	4.16	1950.00	Minimum required Compressive Strength of Individual Units 4.00N/mm^2
2	Block 2	14.5	169.8	4.25	1812.50	
3	Block 3	15.3	174.2	4.36	1912.50	
4	Block 4	17.1	177.3	4.43	2137.50	

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/BNG/17/2021-22

Date : 23.06.2021

TEST REPORT ON SOLID CONCRETE BLOCKS

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of the Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Date of Testing : 23.06.2021

Size of Blocks : 400mm x 150mm x 200mm

Cross Sectional Area : 60000 mm^2

Technical Reference : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 04

Sl.No.	Block ID	Wt. in Kg	Failure load (KN)	Compressive strength (N/mm^2)	Block Density in Kg/M^3	Requirement as per IS 2185 (Part 1) - 2005
1	Block 1	22.7	308.5	5.14	1891.67	Minimum required Compressive Strength of Individual Units 5.00N/mm^2
2	Block 2	23.4	314.7	5.25	1950.00	
3	Block 3	24.1	319.7	5.33	2008.33	
4	Block 4	23.7	326.8	5.45	1975.00	

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Job No.: CQCE/BBMP/BNG/17/2021-22

Date : 23.06.2021

TEST REPORT ON SOLID CONCRETE BLOCKS

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of the Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Date of Testing : 23.06.2021

Size of Blocks : 400mm x 200mm x 200mm

Cross Sectional Area : 80000 mm^2

Technical Reference : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 04

Sl.No.	Block ID	Wt. in Kg	Failure load (KN)	Compressive strength (N/mm^2)	Block Density in Kg/M^3	Requirement as per IS 2185 (Part 1) - 2005
1	Block 1	33.5	325.6	4.07	2093.75	Minimum required Compressive Strength of Individual Units 4.00N/mm^2
2	Block 2	31.8	334.8	4.19	1987.50	
3	Block 3	32.1	346.5	4.33	2006.25	
4	Block 4	31.6	358.7	4.48	1975.00	

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/BNG/17/2021-22

Date 13.11.2021

TEST REPORT ON CERAMIC TILES

*Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

*Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

*Name of Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Technical Reference : IS: 13630 - 2006 - Method of Testing Ceramic Tiles
IS 15622 - 2006 - Specification of Ceramic Tiles

No. of Samples Tested : 05 (Five)

Date of Testing : 08.11.2021 to 13.11.2021

I. MODULUS OF RUPTURE

Sl. No.	Measured Dimension (mm)	Modulus of Rupture (N/mm^2)	Average (N/mm^2)	Requirement as per IS: 15622 (Reaffirmed 2006)
1	300x300x5.2	46.8	47.40	Average 47, indivisual minimum 44 N/mm^2
2	300x300x5.3	47.3		
3	300x300x5.5	48.1		
4	300x300x5.6	47.2		
5	300x300x5.4	47.6		

II. CHEMICAL RESISTANCE

Sl. No.	Measured Dimension (mm)	Visual observations	Requirement as per IS: 15622 (Reaffirmed 2006)
1	300x300x5.2	No visible effect	Class AA, min (13630 Part 8)
2	300x300x5.3	No visible effect	
3	300x300x5.5	No visible effect	
4	300x300x5.6	No visible effect	
5	300x300x5.4	No visible effect	

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

III. STAIN RESISTANCE

Sl. No.	Measured Dimension (mm)	Visual observations	Requirement as per IS: 15622 (Reaffirmed 2006)
1	300x300x5.2	Stain Removed by Water	Class 1, min (13630 Part 8)
2	300x300x5.3	Stain Removed by Water	
3	300x300x5.5	Stain Removed by Water	
4	300x300x5.6	Stain Removed by Water	
5	300x300x5.4	Stain Removed by Water	

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/BNG/17/2021-22 Date : 13.11.2021

TEST REPORT ON VITRIFIED TILES

*Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

*Contractor : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

*Name of the work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Technical Reference : IS: 13630 - 2006 - Method of Testing Vitrified Tiles
IS 15622 - 2006 - Specification of Vitrified Tiles

No. of Samples Tested : 05 (Five)

Date of Testing : 08.11.2021 to 13.11.2021

I. MODULUS OF RUPTURE

Sl. No.	Measured Dimension (mm)	Modulus of Rupture (N/mm^2)	Average (N/mm^2)	Requirement as per IS: 15622 (Reaffirmed 2006)
1	600 x 600 x 9.8	47.5	47.52	Average 47, individual minimum 44 N/mm^2
2	600 x 600 x 9.8	47.3		
3	600 x 600 x 9.9	48.2		
4	600 x 600 x 9.8	47.4		
5	600 x 600 x 9.8	47.2		

II. CHEMICAL RESISTANCE

Sl. No.	Measured Dimension (mm)	Visual observations	Requirement as per IS: 15622 (Reaffirmed 2006)
1	600 x 600 x 9.8	No visible effect	Class AA, min (13630 Part 8)
2	600 x 600 x 9.8	No visible effect	
3	600 x 600 x 9.9	No visible effect	
4	600 x 600 x 9.8	No visible effect	
5	600 x 600 x 9.8	No visible effect	

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III. STAIN RESISTANCE

Sl. No.	Measured Dimension (mm)	Visual observations	Requirement as per IS: 15622 (Reaffirmed 2006)
1	600 x 600 x 9.8	Stain Removed by Water	**Class 1, min (13630 Part 8)**
2	600 x 600 x 9.8	Stain Removed by Water	
3	600 x 600 x 9.9	Stain Removed by Water	
4	600 x 600 x 9.8	Stain Removed by Water	
5	600 x 600 x 9.8	Stain Removed by Water	

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/BNG/17/2021-22 Date : 13.11.2021

TEST REPORT ON VITRIFIED TILES

*Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

*Contractor : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

*Name of the work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Technical Reference : IS: 13630 - 2006 - Method of Testing Vitrified Tiles
IS 15622 - 2006 - Specification of Vitrified Tiles

No. of Samples Tested : 05 (Five)

Date of Testing : 08.11.2021 to 13.11.2021

I. MODULUS OF RUPTURE

Sl. No.	Measured Dimension (mm)	Modulus of Rupture (N/mm^2)	Average (N/mm^2)	Requirement as per IS: 15622 (Reaffirmed 2006)
1	1000x 1000 x 12	47.1	47.22	Average 47, individual minimum 44 N/mm^2
2	1000x 1000 x 12	46.9		
3	1000x 1000 x 12	47.5		
4	1000x 1000 x 12	47.2		
5	1000x 1000 x 12	47.4		

II. CHEMICAL RESISTANCE

Sl. No.	Measured Dimension (mm)	Visual observations	Requirement as per IS: 15622 (Reaffirmed 2006)
1	1000x 1000 x 12	No visible effect	Class AA, min (13630 Part 8)
2	1000x 1000 x 12	No visible effect	
3	1000x 1000 x 12	No visible effect	
4	1000x 1000 x 12	No visible effect	
5	1000x 1000 x 12	No visible effect	

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III. STAIN RESISTANCE

Sl. No.	Measured Dimension (mm)	Visual observations	Requirement as per IS: 15622 (Reaffirmed 2006)
1	1000x 1000 x 12	Stain Removed by Water	Class 1, min (13630 Part 8)
2	1000x 1000 x 12	Stain Removed by Water	
3	1000x 1000 x 12	Stain Removed by Water	
4	1000x 1000 x 12	Stain Removed by Water	
5	1000x 1000 x 12	Stain Removed by Water	

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Job No.: CQCE/BBMP/BNG/17/2021-22

Date: 08.09.2021

TEST REPORT

Client	:	**: Executive Engineer,** Project Division,RR Nagara Zone,BBMP, Bangalore.
Agency	:	**: Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.
Name of the work	:	: Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore
Type of the test	:	Physical tests on Paver Blocks
Date of Testing	:	06.09.2021 to 08.09.2021
Samples supplied by	:	AGENCY

The results of the tests conducted on the Paver Blocks sample are as follows:

1. **THICKNESS:**

Sl.No	Identification	Thickness, mm	Average thickness, mm
1	01	60.12	60.14
2	02	60.16	

2. **COMPRESSIVE STRENGTH:**

Sl. No	Identification	Load in Kilo-Newton	Cross sectional area, mm^2	Compressive strength N/mm^2	Compressive strength Kg/m^2	Requirement as Specification
1	01	693.2	24,200	28.64	286.4	Minimum required Compressive Strength of Individual Units 281 Kg/m^2
2	02	696.7	24,200	28.78	287.8	

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Job No.: CQCE/BBMP/BNG/17/2021-22

Date:08.11.2021

TEST REPORT ON CPVC PIPE

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Sample Supplied by: :AGENCY

BIS Code: IS 13360(Part3/Sec 1):1995
IS 15778:2007

Sample Identification: CPVC pipe 20mm dia

Date of Testing 08.11.2021

Sl.No	Test	Test Result	Requirements as per IS: 15778:2007
1	Nominal Outer Diameter (mm)	22.2	22.2 mm
2	Mean Outside Diameter (mm)	22.1	Min 22.1 mm Max 22.3 mm
3	Outside Diameter at Any Point (mm)	22.1mm	Min 22 mm Max 22.4 mm
4	Density	1495 Kg/m^3	1450 Kg/m^3 & 1650 Kg/m^3

Note:

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For CIVIL QUALITY CONSULTANTS & ENGINEERS

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AEE(P)-2 RRN

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/BNG/17/2021-22 08.11.2021

TEST REPORT ON CPVC PIPE

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Sample Supplied by: :AGENCY

BIS Code: IS 13360(Part3/Sec 1):1995
IS 15778:2007

Sample Identification: CPVC pipe 25mm dia

Date of Testing 08.11.2021

Sl.No	Test	Test Result	Requirements as per IS: 15778:2007
1	Nominal Outer Diameter (mm)	28.6	28.6 mm
2	Mean Outside Diameter (mm)	28.5	Min 28.5 mm Max 28.7 mm
3	Outside Diameter at Any Point (mm)	28.6mm	Min 28.4 mm Max 28.8 mm
4	Density	1580 Kg/m^3	1450 Kg/m^3 & 1650 Kg/m^3

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Job No.: CQCE/BBMP/BNG/17/2021-22 08.11.2021

TEST REPORT ON CPVC PIPE

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor,

Name of Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Sample Supplied by: :AGENCY

BIS Code: IS 13360(Part3/Sec 1):1995
IS 15778:2007

Sample Identification: CPVC pipe 50mm dia

Date of Testing 08.11.2021

Sl.No	Test	Test Result	Requirements as per IS: 15778:2007
1	Nominal Outer Diameter (mm)	54	54 mm
2	Mean Outside Diameter (mm)	54	Min 53.9 mm Max 54.1 mm
3	Outside Diameter at Any Point (mm)	53.9 mm	Min 53.7 mm Max 54.3 mm
4	Density	1610 Kg/m^3	1450 Kg/m^3 & 1650 Kg/m^3

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Job No.: CQCE/BBMP/BNG/17/2021-22

08.11.2021

TEST REPORT ON PVC PIPE

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Sample Supplied by : AGENCY

BIS Code IS 4985:2000

Sample Identification PVC pipe 20mm dia

Date of Testing 08.11.2021

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	20	20 mm
2	Mean Outside Diameter (mm)	20.1mm	Min 20 mm Max 20.3 mm
3	Outside Diameter at Any Point (mm)	19.8mm	Min 19.5 mm Max 20.5 mm

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Job No.: CQCE/BBMP/BNG/17/2021-22 08.11.2021

TEST REPORT ON PVC PIPE

Client : **Executive Engineer,** Project Division,RR Nagara Zone,BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Sample Supplied by : AGENCY

BIS Code IS 4985:2000

Sample Identification PVC pipe 25mm dia

Date of Testing 08.11.2021

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	25	25 mm
2	Mean Outside Diameter (mm)	25	Min 25 mm Max 25 mm
3	Outside Diameter at Any Point (mm)	25.2mm	Min 24.5 mm Max 25.5 mm

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Job No.: CQCE/BBMP/BNG/17/2021-22 08.11.2021

TEST REPORT ON PVC PIPE

Client : **Executive Engineer,** Project Division,RR Nagara Zone,BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Sample Supplied by : AGENCY

BIS Code IS 4985:2000

Sample Identification PVC pipe 32mm dia

Date of Testing 08.11.2021

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	32	32mm
2	Mean Outside Diameter (mm)	32.1	Min 32 mm Max 32.3 mm
3	Outside Diameter at Any Point (mm)	32.1mm	Min 31.5 mm Max 32.5 mm

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Job No.: CQCE/BBMP/BNG/17/2021-22 08.11.2021

TEST REPORT ON PVC PIPE

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Sample Supplied by :AGENCY

BIS Code IS 4985:2000

Sample Identification PVC pipe 40mm dia

Date of Testing 08.11.2021

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	40	40 mm
2	Mean Outside Diameter (mm)	40.1	Min 40 mm Max 40.3 mm
3	Outside Diameter at Any Point (mm)	40.2mm	Min 39.5 mm Max 40.5 mm

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Job No.: CQCE/BBMP/BNG/17/2021-22 08.11.2021

TEST REPORT ON PVC PIPE

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Sample Supplied by: :AGENCY

BIS Code: IS 4985:2000

Sample Identification: PVC pipe 50mm dia

Date of Testing 08.11.2021

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	50	50 mm
2	Mean Outside Diameter (mm)	50.2	Min 50 mm Max 50.3 mm
3	Outside Diameter at Any Point (mm)	50.4mm	Min 49.4 mm Max 50.6 mm

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Job No.: CQCE/BBMP/BNG/17/2021-22 08.11.2021

TEST REPORT ON PVC PIPE

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **Sri. B N Girish (SKS Infrastructures Pvt Ltd),** Contractor, Bangalore.

Name of Work : Additional works to Construction of Shuttle Cock Ground in Ward No 17 RR Nagar constituency, BBMP, Bangalore

Sample Supplied by: :AGENCY

BIS Code: IS 4985:2000

Sample Identification: PVC pipe 110mm dia

Date of Testing 08.11.2021

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	110	110 mm
2	Mean Outside Diameter (mm)	110.2	Min 110.0 mm Max 110.4 mm
3	Outside Diameter at Any Point (mm)	110.5 mm	Min 108.6 mm Max 111.4 mm

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